

REVIEWER'S REPORT

Manuscript No.: IJAR-57579

Title: Guidelines for Capacity Development of Air Pollution Prevention Measures Impacting Respiratory Health among the Thai Population in Eastern Thailand

Recommendation:

Accept as it is
 Accept after minor revision.....
Accept after major revision
 Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality			x	
Techn. Quality			x	
Clarity			x	
Significance			x	

Reviewer's ID: JPR-171

Detailed Reviewer's Report

This study addresses an important public health issue – air pollution and respiratory health in Eastern Thailand – and proposes capacity-building guidelines. However, major revisions are required. First, the methodology section claims a mixed-methods design with 400 survey participants and 180 interview/focus group participants, but the sampling procedures and response rates are not clearly described, raising concerns about representativeness. Second, the reported correlation ($r = 0.68$, $p < 0.01$) between PM_{2.5} and respiratory disease incidence is presented without controlling for confounders (e.g., smoking, socioeconomic status, occupational exposure), making causal claims premature. Third, the manuscript contains significant redundancy: the results, discussion, and conclusion sections repeat identical findings and percentages (e.g., 28.5% and 32.1% for risk groups appear multiple times). Fourth, the policy recommendations are overly detailed and prescriptive for a research article; they should be condensed. Fifth, several references (e.g., Thepnuan et al., 2019) lack full journal information. The authors must clarify sampling methods, provide adjusted effect estimates, streamline repetitive content, and shorten the recommendations. A thorough revision is necessary before resubmission.